

10-18-2006

10-10-06



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To the Honorable Commissioner of Patents and Trademarks

copy thereof.

113000 U.S. PTO  
11/546223

101006

1. Name of conveying party(ies):

Po-Yung Chang 9/22/06  
Wei-Han Lien 9/14/06  
Jesse Pan 9/26/06  
Ramesh Gunna 9/22/06  
Tse-Yu Yeh 9/26/06  
James B. Keller 10/4/06

Additional name(s) of conveying party(ies) attached?  yes  No

2. Name and address of receiving party(ies):

Name: P.A. Semi, Inc.  
Internal Address: \_\_\_\_\_  
Street Address: 3965 Freedom Circle, Floor 8

City Santa Clara State CA ZIP 95054

Additional name(s) & address(es) attached?  Yes  No

3. Nature of Conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: \_\_\_\_\_

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of this application is: 9/22/06, 9/14/06, 9/26/06, 9/22/06, 9/26/06, 10/4/06

A. Patent Application No.(s)  Yes  No  
Additional numbers attached?  Yes  No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Lawrence J. Merkel  
Internal Address: Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C.  
Street Address: P.O. Box 398  
City Austin State TX ZIP 78767-0398

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): .....\$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number: 501505/5888-03100/LJM  
(Attach a duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and Signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Lawrence J. Merkel  
Name of Person Signing  
Reg. No. 41,191

[Signature]  
Signature

October 10, 2006  
Date

Total number of pages: 4

OMB No. 0651-011 (exp.4/94)

10/17/2006 DBYRNE 00000116 501505 11546223

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## ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned does hereby:


SELL, ASSIGN AND TRANSFER to P.A. Semi, Inc. (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business at 3965 Freedom Circle, Floor 8, Santa Clara, CA 95054, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned, concurrently, herewith, and is entitled: REPLAY REDUCTION FOR POWER SAVING, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assigns.


(Signature)   
Name: Po-Yung Chang

Date: 9/22/2006

Witness:  
Signature: 

Date: 9/22/2006

Print Name: Mehul Shaw


(Signature)   
Name: Wei-Han Lien

Date: 9/14/2006

Witness:  
Signature: 

Date: 9/14/2006

Print Name: Mehul Shaw

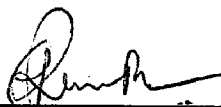
(Signature)   
Name: Jesse Pan

Date: 9/26/2006

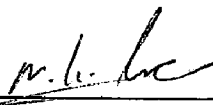
Witness:  
Signature: 

Date: 9/26/06

Print Name: MEHUL SHAW

(Signature)   
Name: Ramesh Gunna

Date: 09/22/2006

Witness:  
Signature: 

Date: 9/22/2006

Print Name: Mehul Shaw

(Signature) Tse-Yu Yeh Date: 09/26/06  
Name: Tse-Yu Yeh

Witness:  
Signature: M. N. Shah Date: 9/26/06

Print Name: MEHUL SHAH

(Signature) James B. Keller Date: 10/4/06  
Name: James B. Keller

Witness:  
Signature: M. N. Shah Date: 10/4/06

Print Name: Mehul Shah

Lawrence J. Merkel  
Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C.  
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